

M. Monshi Pouri



ENTERED

1600

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/686,346A

DATE: 09/10/2003

TIME: 09:44:48

Input Set : N:\EBONY'S\US09686346A.raw.txt

Output Set: N:\CRF4\09102003\I686346A.raw

1 <110> APPLICANT: Cobb, Melanie  
 2 <120> TITLE OF INVENTION: TAO PROTEIN KINASE POLYPEPTIDES AND METHODS OF USE THEREOF  
 3 <130> FILE REFERENCE: 10624-026-999  
 C--> 4 <140> CURRENT APPLICATION NUMBER: US/09/686,346A  
 5 <141> CURRENT FILING DATE: 2000-10-10  
 6 <150> PRIOR APPLICATION NUMBER: 09/060,410  
 7 <151> PRIOR FILING DATE: 1998-04-14  
 8 <160> NUMBER OF SEQ ID NOS: 26  
 9 <170> SOFTWARE: PatentIn version 3.0  
 11 <210> SEQ ID NO: 1  
 12 <211> LENGTH: 3312  
 13 <212> TYPE: DNA  
 14 <213> ORGANISM: Rattus norvegicus  
 15 <400> SEQUENCE: 1

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18	atgcctcaaa	ctaacagagc	aggcagtcta	aaggacccctg	aaatcgacg	gctcttcttc	180
19	aaagaagatc	cggaaaact	cttcacagat	ctcagagaaa	tcggccatgg	gagctttgga	240
20	gcagtttatt	ttgcacgaga	tgtcgctact	aatgaagtgg	tggccatcaa	gaaaatgtct	300
21	tatagtggaa	agcagtctac	tgagaaatgg	caggatatta	ttaaggaagt	caagttctca	360
22	caaagaataa	aacatcccaa	cagtagataga	tacaaaggct	gctatttacg	tgaacacaca	420
23	gcatggcttg	taatgaaata	ttgttttagga	tctgcttcgg	atttactaga	agttcataaa	480
24	aaggcattac	aagaagtgg	aatagcagca	attacacatg	gtgctctcca	gggatttagct	540
25	tatttacatt	ctcataccat	gatccataga	gatatacaaag	caggaaatat	ccttctgaca	600
26	gaaccaggcc	aagtgaaact	tgctgacttt	ggatctgctt	ccatggcctc	ccctgccaat	660
27	tctttgtgg	gaacaccata	ttggatggcc	ccagaagataa	tttagccat	ggatgaagga	720
28	caatatgtat	gcaaaagtga	tgtatggct	cttggataaa	catgtattga	attagccgag	780
29	aggaagcctc	cttttattaa	tatgaatgca	atgagtgcct	tatatcacat	agccaaaaat	840
30	gaatccccta	cactacagtc	taatgaatgg	tctgattatt	ttcgaaactt	tgtagattct	900
31	tgcctccaga	aaatccctca	agatcgccct	acatcagagg	aactttaaa	gcacatgttt	960
32	gttcttcgag	agcgcctga	aacagtgtta	atagatctta	ttcaaaggac	aaaggatgca	1020
33	gtaagagagc	tggacaatct	acaatatcga	aagatgaaga	aactcccttt	ccaggaggca	1080
34	cataatggac	cagcagttaga	agcacaggaa	gaagaggagg	agcaagatca	tggtgtggc	1140
35	cgcacaggaa	cagtaaatag	tgttggaaagc	aatcagtcta	tccccagtt	gtctatcagt	1200
36	gccagtagcc	aaagcagcag	tgttaatagt	cttccagatg	catcgatga	caagagttag	1260
37	ctagacatga	tggagggaga	ccatacagt	atgtctaaaca	gttctgtcat	ccactaaaa	1320
38	cctgaggagg	aaaattacca	agaagaagga	gatcctagaa	caagagcatc	agctccacag	1380
39	tctccacctc	aagtgtctcg	tcacaaatca	cattatcgta	atagagaaca	cttgcact	1440
40	atacaacag	catcactgg	tacaagacag	atgcaagaac	atgagcagga	ctctgaactt	1500
41	agagaacaga	tgtctggta	taagcggatg	aggcgacagc	atcagaagca	gctgtatgact	1560
42	ctggaaaata	aactgaaggc	agaaatggac	gaacatcgcc	ttagattaga	caaagatctt	1620
43	gaaactcagc	gcaacaattt	cgctgcagaa	atggagaaac	ttattaagaa	acaccaagct	1680
44	tctatggaaa	aagaggctaa	agtgtatggcc	aacgaggaga	aaaaattcca	acaacacatt	1740

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Input Set : N:\EBONY'S\US09686346A.raw.txt  
 Output Set: N:\CRF4\09102003\I686346A.raw

45	caggctcaac	agaagaaaaga	actgaatagc	ttttggagt	ctaaaaaaag	agaatataaa	1800										
46	cttcggaaaag	agcagctaa	ggaggagctg	aatgaaaacc	agagcacacc	taaaaaagaa	1860										
47	aagcaggaat	ggcttcaaa	gcagaaggag	aatattcaac	atttcaggc	agaagaagaa	1920										
48	gctaattctc	ttcgacgtca	aaggcagttat	ctagagctag	aatgtcgtcg	cttcaaaaga	1980										
49	agaatgttac	ttggtcggca	taacttgaa	caggaccttgc	tcagggagga	gttaaacaaa	2040										
50	aggcagactc	agaaggactt	agaacatgca	atgttactgc	gacagcatga	atccatgcaa	2100										
51	gaactggagt	ttcgccaccc	caacactatt	cagaagatgc	gctgtgagtt	gatcagactg	2160										
52	caacatcaaa	ctgagcttac	taaccagctg	gaatacaata	agagaaggga	acgggaacta	2220										
53	agacggaaac	atgtcatgga	agttcgcacag	cagcctaaga	gttgaagtc	taaagaactc	2280										
54	caaataaaaa	agcagttca	ggataccctgc	aaaattcaaa	ccagacagta	caaagcatta	2340										
55	aggaatcacc	tactggagac	tacaccaaag	agtggacaca	aagctgttct	gaaaagactc	2400										
56	aaggaggaac	agactcggaa	gttagccatc	ttggctgagc	agtatgatca	tagcattaat	2460										
57	gaaatgctct	ccacacaagc	tctcgcttttgc	gatgaagcac	aggaagcaga	atgccagggtt	2520										
58	ttgaagatgc	agctacagca	ggaactggag	ctgttgaatg	catatcagag	caaaatcaag	2580										
59	atgcaggctg	aggcccaaca	tgatcggagag	tttcggagac	tgaacaaag	ggctccctt	2640										
60	cgagagac	tcttagaaca	gaagattgaa	gaagagatgt	tgccttgca	aatgaacgc	2700										
61	acagaacgaa	tacgtggct	gctcgagcgc	caggccagag	aaattgaagc	ttttgactct	2760										
62	gaaagcatga	gattaggtt	tagtaacatg	gtccttctta	atctctcccc	tgaggcattc	2820										
63	agccacagct	acccaggagc	ttctagctgg	tctcacaatc	ctactggggg	ttcaggaccc	2880										
64	caactgggtc	atcccatggg	ttggcacacca	caagctggg	gtcatccgat	gcaaggcgg	2940										
65	ccccaaaccat	ggggtcaccc	ctcaggccca	atgcaagggg	tacctcgagg	tagcagtata	3000										
66	ggagtccgca	atagccccca	ggctctgagg	cggacagctt	ctgggggac	gacggAACAG	3060										
67	ggcatgagca	gaagcagcag	tgtcaattca	caaataatcca	atgggtcaca	catgtcttac	3120										
68	acataataat	tgaaagtggc	aattccgtg	gagctgtctg	ccaaaagaaa	ctgcctacag	3180										
69	acatcagcac	agcagctcc	tcacttgggt	actaccgggt	ggaagctgtg	catatgttat	3240										
70	attttattcg	tctttgtaaa	gcgttatgtt	ttgtgtttac	taattggat	gtcatagtat	3300										
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77	<400>	SEQUENCE:	2														
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79	1																15
80	Glu	Leu	Phe	Phe	Lys	Glu	Asp	Pro	Glu	Lys	Leu	Phe	Thr	Asp	Leu	Arg	
81																	30
82	Glu	Ile	Gly	His	Gly	Ser	Phe	Gly	Ala	Val	Tyr	Phe	Ala	Arg	Asp	Val	
83																	45
84	Arg	Thr	Asn	Glu	Val	Val	Ala	Ile	Lys	Lys	Met	Ser	Tyr	Ser	Gly	Lys	
85																	60
86	Gln	Ser	Thr	Glu	Lys	Trp	Gln	Asp	Ile	Ile	Lys	Glu	Val	Lys	Phe	Leu	
87																	80
88	Gln	Arg	Ile	Lys	His	Pro	Asn	Ser	Ile	Glu	Tyr	Lys	Gly	Cys	Tyr	Leu	
89																	95
90	Arg	Glu	His	Thr	Ala	Trp	Leu	Val	Met	Glu	Tyr	Cys	Leu	Gly	Ser	Ala	
91																	110
92	Ser	Asp	Leu	Leu	Glu	Val	His	Lys	Lys	Pro	Leu	Gln	Glu	Val	Glu	Ile	
93																	125
94	Ala	Ala	Ile	Thr	His	Gly	Ala	Leu	Gln	Gly	Leu	Ala	Tyr	Leu	His	Ser	

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Input Set : N:\EBONY'S\US09686346A.raw.txt

Output Set: N:\CRF4\09102003\I686346A.raw

95	130	135	140
96	His Thr Met Ile His Arg Asp Ile Lys Ala Gly Asn Ile Leu Leu Thr		
97	145	150	155
98	Glu Pro Gly Gln Val Lys Leu Ala Asp Phe Gly Ser Ala Ser Met Ala		160
99	165	170	175
100	Ser Pro Ala Asn Ser Phe Val Gly Thr Pro Tyr Trp Met Ala Pro Glu		
101	180	185	190
102	Val Ile Leu Ala Met Asp Glu Gly Gln Tyr Asp Gly Lys Val Asp Val		
103	195	200	205
104	Trp Ser Leu Gly Ile Thr Cys Ile Glu Leu Ala Glu Arg Lys Pro Pro		
105	210	215	220
106	Leu Phe Asn Met Asn Ala Met Ser Ala Leu Tyr His Ile Ala Gln Asn		
107	225	230	235
108	Glu Ser Pro Thr Leu Gln Ser Asn Glu Trp Ser Asp Tyr Phe Arg Asn		240
109	245	250	255
110	Phe Val Asp Ser Cys Leu Gln Lys Ile Pro Gln Asp Arg Pro Thr Ser		
111	260	265	270
112	Glu Glu Leu Leu Lys His Met Phe Val Leu Arg Glu Arg Pro Glu Thr		
113	275	280	285
114	Val Leu Ile Asp Leu Ile Gln Arg Thr Lys Asp Ala Val Arg Glu Leu		
115	290	295	300
116	Asp Asn Leu Gln Tyr Arg Lys Met Lys Lys Leu Leu Phe Gln Glu Ala		
117	305	310	315
118	His Asn Gly Pro Ala Val Glu Ala Gln Glu Glu Glu Glu Gln Asp		320
119	325	330	335
120	His Gly Gly Arg Thr Gly Thr Val Asn Ser Val Gly Ser Asn Gln		
121	340	345	350
122	Ser Ile Pro Ser Met Ser Ile Ser Ala Ser Ser Gln Ser Ser Ser Val		
123	355	360	365
124	Asn Ser Leu Pro Asp Ala Ser Asp Asp Lys Ser Glu Leu Asp Met Met		
125	370	375	380
126	Glu Gly Asp His Thr Val Met Ser Asn Ser Ser Val Ile His Leu Lys		
127	385	390	395
128	Pro Glu Glu Glu Asn Tyr Gln Glu Glu Gly Asp Pro Arg Thr Arg Ala		
129	405	410	415
130	Ser Ala Pro Gln Ser Pro Pro Gln Val Ser Arg His Lys Ser His Tyr		
131	420	425	430
132	Arg Asn Arg Glu His Phe Ala Thr Ile Arg Thr Ala Ser Leu Val Thr		
133	435	440	445
134	Arg Gln Met Gln Glu His Glu Gln Asp Ser Glu Leu Arg Glu Gln Met		
135	450	455	460
136	Ser Gly Tyr Lys Arg Met Arg Arg Gln His Gln Lys Gln Leu Met Thr		
137	465	470	475
138	Leu Glu Asn Lys Leu Lys Ala Glu Met Asp Glu His Arg Leu Arg Leu		
139	485	490	495
140	Asp Lys Asp Leu Glu Thr Gln Arg Asn Asn Phe Ala Ala Glu Met Glu		
141	500	505	510
142	Lys Leu Ile Lys Lys His Gln Ala Ser Met Glu Lys Glu Ala Lys Val		
143	515	520	525

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144 Met Ala Asn Glu Glu Lys Lys Phe Gln Gln His Ile Gln Ala Gln Gln  
 145 530 535 540  
 146 Lys Lys Glu Leu Asn Ser Phe Leu Glu Ser Gln Lys Arg Glu Tyr Lys  
 147 545 550 555 560  
 148 Leu Arg Lys Glu Gln Leu Lys Glu Glu Leu Asn Glu Asn Gln Ser Thr  
 149 565 570 575  
 150 Pro Lys Lys Glu Lys Gln Glu Trp Leu Ser Lys Gln Lys Glu Asn Ile  
 151 580 585 590  
 152 Gln His Phe Gln Ala Glu Glu Ala Asn Leu Leu Arg Arg Gln Arg  
 153 595 600 605  
 154 Gln Tyr Leu Glu Leu Glu Cys Arg Arg Phe Lys Arg Arg Met Leu Leu  
 155 610 615 620  
 156 Gly Arg His Asn Leu Glu Gln Asp Leu Val Arg Glu Glu Leu Asn Lys  
 157 625 630 635 640  
 158 Arg Gln Thr Gln Lys Asp Leu Glu His Ala Met Leu Leu Arg Gln His  
 159 645 650 655  
 160 Glu Ser Met Gln Glu Leu Glu Phe Arg His Leu Asn Thr Ile Gln Lys  
 161 660 665 670  
 162 Met Arg Cys Glu Leu Ile Arg Leu Gln His Gln Thr Glu Leu Thr Asn  
 163 675 680 685  
 164 Gln Leu Glu Tyr Asn Lys Arg Arg Glu Arg Glu Leu Arg Arg Lys His  
 165 690 695 700  
 166 Val Met Glu Val Arg Gln Gln Pro Lys Ser Leu Lys Ser Lys Glu Leu  
 167 705 710 715 720  
 168 Gln Ile Lys Lys Gln Phe Gln Asp Thr Cys Lys Ile Gln Thr Arg Gln  
 169 725 730 735  
 170 Tyr Lys Ala Leu Arg Asn His Leu Leu Glu Thr Thr Pro Lys Ser Glu  
 171 740 745 750  
 172 His Lys Ala Val Leu Lys Arg Leu Lys Glu Glu Gln Thr Arg Lys Leu  
 173 755 760 765  
 174 Ala Ile Leu Ala Glu Gln Tyr Asp His Ser Ile Asn Glu Met Leu Ser  
 175 770 775 780  
 176 Thr Gln Ala Leu Arg Leu Asp Glu Ala Gln Glu Ala Glu Cys Gln Val  
 177 785 790 795 800  
 178 Leu Lys Met Gln Leu Gln Gln Glu Leu Glu Leu Leu Asn Ala Tyr Gln  
 179 805 810 815  
 180 Ser Lys Ile Lys Met Gln Ala Glu Ala Gln His Asp Arg Glu Leu Arg  
 181 820 825 830  
 182 Glu Leu Glu Gln Arg Val Ser Leu Arg Arg Ala Leu Leu Glu Gln Lys  
 183 835 840 845  
 184 Ile Glu Glu Glu Met Leu Ala Leu Gln Asn Glu Arg Thr Glu Arg Ile  
 185 850 855 860  
 186 Arg Ser Leu Leu Glu Arg Gln Ala Arg Glu Ile Glu Ala Phe Asp Ser  
 187 865 870 875 880  
 188 Glu Ser Met Arg Leu Gly Phe Ser Asn Met Val Leu Ser Asn Leu Ser  
 189 885 890 895  
 190 Pro Glu Ala Phe Ser His Ser Tyr Pro Gly Ala Ser Ser Trp Ser His  
 191 900 905 910  
 192 Asn Pro Thr Gly Gly Ser Gly Pro His Trp Gly His Pro Met Gly Gly

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Input Set : N:\EBONY'S\US09686346A.raw.txt

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193	915	920	925
194	Thr Pro Gln Ala Trp Gly His Pro Met Gln Gly Gly Pro Gln Pro Trp		
195	930	935	940
196	Gly His Pro Ser Gly Pro Met Gln Gly Val Pro Arg Gly Ser Ser Ile		
197	945	950	955
198	Gly Val Arg Asn Ser Pro Gln Ala Leu Arg Arg Thr Ala Leu Gly Gly		960
199	965	970	975
200	Arg Thr Glu Gln Gly Met Ser Arg Ser Thr Ser Val Thr Ser Gln Ile		
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203	995	1000	
205	<210> SEQ ID NO: 3		
206	<211> LENGTH: 4296		
207	<212> TYPE: DNA		
208	<213> ORGANISM: Rattus norvegicus		
209	<400> SEQUENCE: 3		
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212	agcggaggcg ctggggcacc atagtgcacc ctaccaggca agatcccaat ttcaaggcccc	180	
213	ccagggggca tcatggcagc tggggggccgg gcccggagcc tgaaggaccc tgatgttagct	240	
214	gagctttct tcaaagatga ccctgagaag cttttctctg acctccggga aattggccat	300	
215	ggcagttttg gagctgtgtt ctttggccgg gatgtccggaa acagtggatgt ggtggccatc	360	
216	aagaagatgt cctatagtgg gaagcaatca aatgagaaat ggcaggatcatcaaggag	420	
217	gtgcgggtct tacagaagct acggcatctt aataccattt ctttccgggg ctgttacctg	480	
218	agggagcaca cagctggct ggtgatggag tattgcctgg gttcagcttc tgatcttctc	540	
219	gaagtgcaca agaagccgtt gcaggaggta gagattgcag ctgtgaccct tggcgcctt	600	
220	cagggcctgg cctatctaca ttcacacaaat atgatccata gagatgtgaa ggctggaaac	660	
221	atcttgcgtt cagaaccagg cttgggtgaaa ctggggact ttggctccgc atccatcatg	720	
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223	atggatgagg gacaatatga tggcaaaatgtt gatgtctgg ctttggat aacctgttatt	840	
224	gagctagcggtt agcggaaagcc accactgtttt aacatgaatg caatgagtgc cttataccac	900	
225	attgcacaga atgaatcccc tgccttcacat tcaggacact gttctggat cttccggaaat	960	
226	tttggactt cctgtttca gaaaatccctt caagacagac caacccatc ggttcttttgg	1020	
227	aagcaccgtt ttgtgcctgg ggagcggccca cccacagtca tcatggaccc tattcagagg	1080	
228	accaaggatg ctgtacgggaa actagataac ctgcagttacc gaaagatgaa gaagatacta	1140	
229	ttccaagagg caccaatgg ccctgggtctt gaggccccag aggaagagga ggaagcagaa	1200	
230	ccttacatgc accgagcagg gacactgacc agtcttagata gtagccatc agtgcggcagc	1260	
231	atgtccatca gcgcctccat ccaaaggcagc tcagtcacca gccttagcaga tgcctcagat	1320	
232	aatgaagaag aggaggaggaa ggaagaggaa gaagaagagg aggaggaaaga agaaggccct	1380	
233	gaatccccat agatggccat gatgcaggag gggggcata cagtacttc ccacagctcc	1440	
234	atcatccacc ggctgcgggg ctcagacaaat ctatatgtt atccatcacca gcaagatgt	1500	
235	accccagggtt cactccaaacc acctgcagcc cctccacccat ccacccatcc ctcttctgtt	1560	
236	cgccgcagag cttattggccg caaccggagac cacttgcctt ccattccgtac tgcctccctg	1620	
237	gtcagccgtt agatccaggaa gcatggcag gactcggccc tgcgggagca actaagtggc	1680	
238	tacaaggcggaa tgcggcgttca gcaccagaag caactgctgg ccctggagtc cggctgttgg	1740	
239	ggtaacgtt aggaggcacaag tggcggtt cagcgttac tgcaggcaca gcccgttggc	1800	
240	tttggactt aggctgagaa gctggccgg aggaccagg ccattggta gaagaagca	1860	
241	cgagctgctc aggctgagga gccggaaatcc cagcagcaca tcttggggca gcaagaaag	1920	
242	gaactggctt ccctgcttca ggcacagaag cgaacctata agcttcggaa ggagcagttt	1980	

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**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:5; N Pos. 5,92,138  
Seq#:7; N Pos. 208,210,223  
Seq#:10; N Pos. 192  
Seq#:11; N Pos. 18  
Seq#:19; N Pos. 24,31  
Seq#:20; N Pos. 3,6,13,16,19  
Seq#:21; N Pos. 11,14,18  
Seq#:22; N Pos. 19,22

### Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 2

VARIABLE LOCATION SUMMARY  
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Use of n's or Xaa's(NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of <220> to <223> is MANDATORY if n's or Xaa's are present.

in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:5; N Pos. 5,92,138

Seq#:7; N Pos. 208,210,223

Seq#:10; N Pos. 192

Seq#:11; N Pos. 18

Seq#:19; N Pos. 24,31

Seq#:20; N Pos. 3,6,13,16,19

Seq#:21; N Pos. 11,14,18

Seq#:22; N Pos. 19,22

**VERIFICATION SUMMARY**

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Input Set : N:\EBONY'S\US09686346A.raw.txt  
Output Set: N:\CRF4\09102003\I686346A.raw

L:4 M:270 C: Current Application Number differs, Wrong Format  
L:422 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:5  
L:422 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0  
M:341 Repeated in SeqNo=5  
L:453 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:7  
L:453 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:180  
L:487 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:10  
L:487 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:180  
L:497 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:11  
L:497 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0  
L:629 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:631 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:19  
L:632 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:19  
L:632 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0  
L:640 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:642 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:20  
L:643 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:20  
L:643 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0  
L:651 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:653 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:21  
L:654 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:21  
L:654 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0  
L:662 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:664 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:22  
L:665 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:22  
L:665 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0

**STATISTICS SUMMARY**

PATENT APPLICATION: US/09/686,346A

DATE: 09/10/2003

TIME: 09:44:49

Input Set : N:\EBONY'S\US09686346A.raw.txt  
Output Set: N:\CRF4\09102003\I686346A.raw

Application Serial Number: US/09/686,346A

Alpha or Numeric or Xml: Numeric

Application Class:

Application File Date: 10-10-2000

Art Unit: 1600

Software Application: PatentIN3.0

Total Number of Sequences: 26

Total Nucleotides: 9901

Total Amino Acids: 2612

Number of Errors: 0

Number of Warnings: 26

Number of Corrections: 1

**MESSAGE SUMMARY**

258 W: 12 (Mandatory Feature missing)  
270 C: 1 (Current Application Number differs)  
281 W: 4 (Numeric Fields not Ordered)  
341 W: 10 ((46) "n" or "Xaa" used)